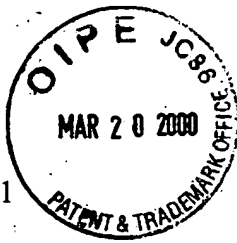


MICRON.003C1



AF  
GP2823  
Original  
copy

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Fazan et al.

Appl. No. : 09/037,945

Filed : March 10, 1998

For : STREAMLINED FIELD  
ISOLATION PROCESS

Examiner : George Fourson

) Group Art Unit 2823

) I hereby certify that this correspondence and all  
) marked attachments are being deposited with  
) the United States Postal Service as first-class  
) mail in an envelope addressed to: Assistant  
) Commissioner for Patents, Washington, D.C.  
) 20231, on

March 13, 2000

James B. Bear, Reg. No. 25-221

AMENDMENT AFTER FINAL

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

This is a response to the Office Action mailed on January 12, 2000, in which all of the pending claims were finally rejected. This Amendment After Final amends all of the pending claims, but is not believed to raise new issues. Rather, it is believed that the amendments clarify the claimed process in a manner which avoids the prior art without altering the principal focus of the claims. For this reason, and because the amendments clarify the patentable features of the method for any possible appeal, entry of these amendments is earnestly solicited.

In the Claims:

1. (Thrice Amended) A process of forming an integrated circuit, comprising:  
growing a silicon dioxide field isolation region on a semiconductor wafer  
without forming silicon nitride inclusions in said field isolation region exclusively by means  
of a hydrogen-free oxidant at a pressure less than about 30 atm; and forming a gate oxide  
without a prior sacrificial oxidation.
8. (Thrice Amended) A field isolation region among integrated circuit devices on a  
semiconductor substrate formed by a process comprising: